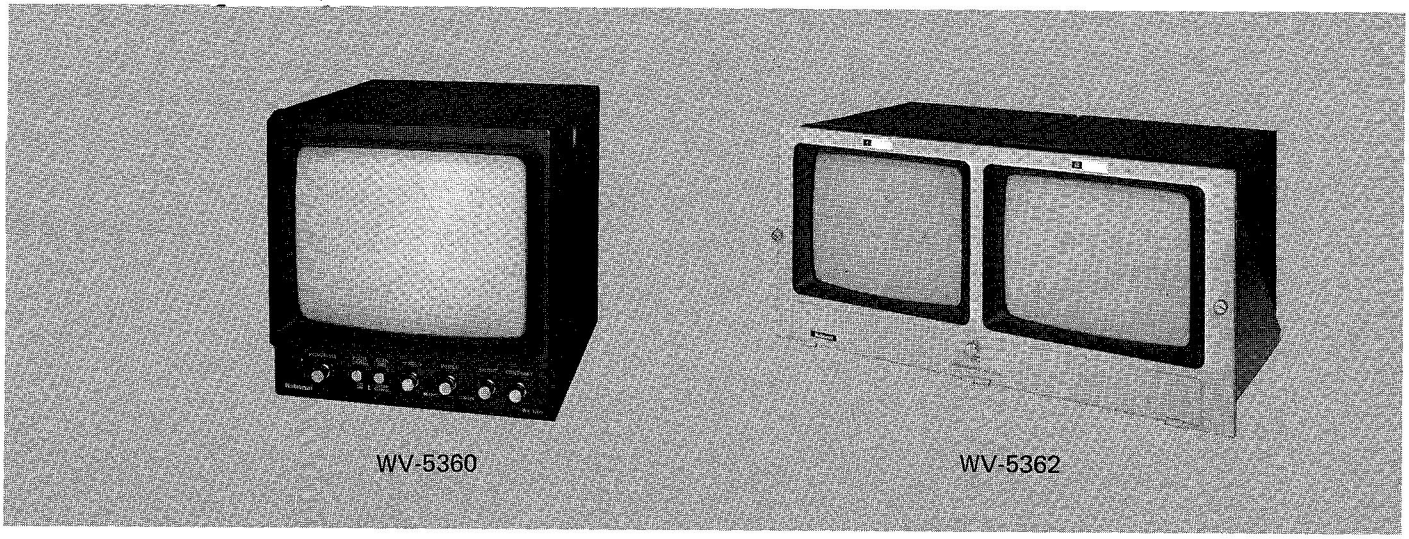
ORDER NO. VKD83020718S8

Service Manual

Video Monitor

WV-5360/WV-5362



WV-5360 WV-5362

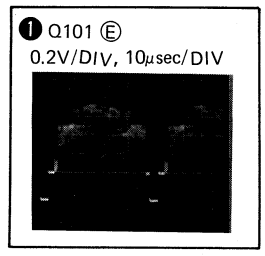
REPLACEMENT PARTS LIST

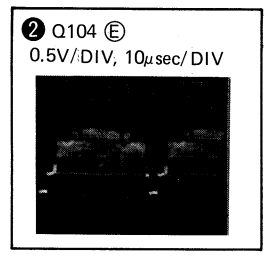
- This replacement parts list only includes changed portion.

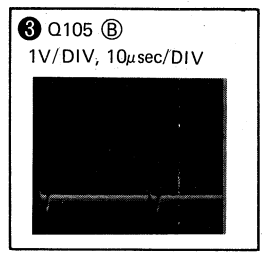
SYMBOL NO.	ORIGINAL PART NO.	NEW PART NO.	DESCRIPTION		
YWV5360EZK1, YWV5360NZK1 VIDEO/DEFLECTION CIRCUIT BOARD					
D502	RU-2	**YUDU06C**	Diode		
R128	———	**ERD25FJ101**	Carbon	100Ω	¼W
C405	ECSF16E3R3	**ECSF16E6R8**	Tantalum	6.8μF	16V
C407	ECEA1CS100	**ECEA1CS220**	Electrolytic	22μF	16V
C513	ECEA25W8R5Z	**ECEA25W12ZE**	Electrolytic	12μF	25V
C516	ECQM2223KZB	**ECQM2393KZ**	Plastic	0.039μF	200V
L501	TLH-3602	**TLH2R8L**	Coil	2.8μH	

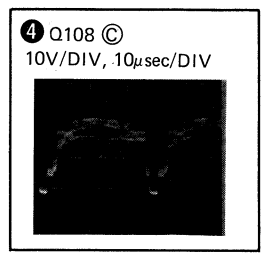
National/Panasonic

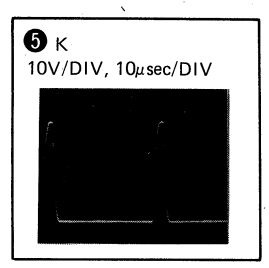
Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

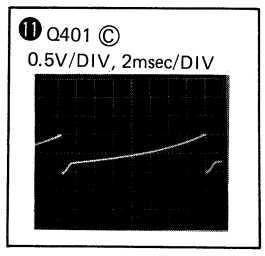


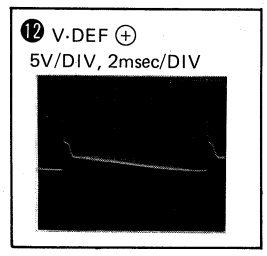


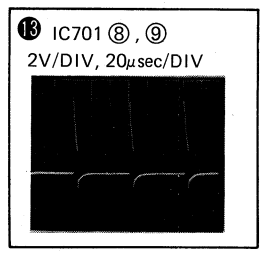


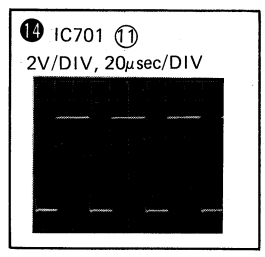


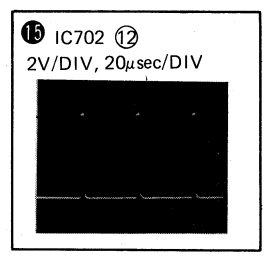


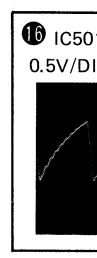












VIDEO AMPLIFIER

VIDEO CONNECTOR
IN CN4 OUT CN5

To CN12

SW1 VIDEO TERMINATION SWITCH
Hiz
75Ω

SW2 DC RESTORATION SWITCH
ON
OFF

SW3 SYNC SELECTOR SWITCH
INT
EXT

EXT SYNC CONNECTOR
IN CN6 OUT CN7

SW5 SYNC TERMINATION SWITCH
Hiz
75Ω

SW4 H.AFC SWITCH
LONG SHORT

R901 75Ω
R902 75Ω

CN1-3
CN1-4
CN2-6
CN2-7
CN2-8
CN2-5
CN2-4
CN2-3
CN1-1

SWITCH CONNECTOR BOARD
(YWV5360ZK03)

R101 100Ω
C111 470μ16V
R103 56K
R128 100Ω
Q101
C101 47μ16V
C102 47μ16V
R102 56K
R104 1K
VR101 1KB
R105 2.2K
C103 47μ16V
C113 47P
R107 56K
Q102
R106 10K
R109 1.5K
Q103
R108 560Ω
R110 330Ω
C104 100P
R111 1.5K
R112 150Ω
Q104
C105 1μ50V
R113 1.5K
VR101 CONTRAST

R114 2.7K
Q105
D101
C112 0.056μ
R115 4.7K
R116 3.3K
C106 1μ 50V
R118 15K
Q106
VR102 5KB
R117 8.2K
D102
R120 330Ω
Q107
R119 220Ω
C108 470μ16V
C110 100μ10V
C107 0.001μ
R121 100Ω
R122 3.9K
D103
C109 10μ16V
R123 33K
Q108
R125 4.7K
R124 5.6K
VR102 BRIGHTNESS

SYNC SEPARATION

R301 22K
R302 1K
C301 1μ50V
Q301
R303 390Ω
C302 0.033μ
C303 1μ50V
R305 56K
Q302
R307 5.6K
R308 2.2K
C306 1μ50V
D301
R311 1K
C307 68P
R304 220K
R306 2.7K
C304 0.01μ
C305 0.01μ
R309 47K
R310 150K

R702 68K
C701 0.082μ
R701 33K
IC701 1/2
C702 0.1μ
R704 2.2K
C703 0.0047μ
R703 68K
C710 0.01μ
R705 6.8K
R706 33K
C704 0.0047μ
IC702 1/2
R707 10K
R708 33K
C401 470μ16V

OFF ON
SW701 PULSE CROSS SWITCH

HORIZONTAL DEFLECTION

C709 100μ16V
C705 100P
IC701 1/2
C706 560P
C708 220P
R712 15K
C707 220P
IC702 1/2
R709 33K
R710 68K
R711 2.2K
R713 15K
C501 1μ50V
R502 3.3K
C502 100P
R501 1K
C503 0.015μ

CN2-1
CN2-2

R612 1K

POWER

AUD

SW601
Power Transformer
PT1
115V
0V
240V
220V
J401 (115V)
J403 (230V)
J402(115V)
J90
F401
230 or 115V AC 50/60 Hz
WV-5360N
POWER SELECTOR BOARD
(YWV5350NZK4)
220 or 240V AC 50Hz
Fuse F601
WV-5360
WV-5360E
PT1 Power Transformer

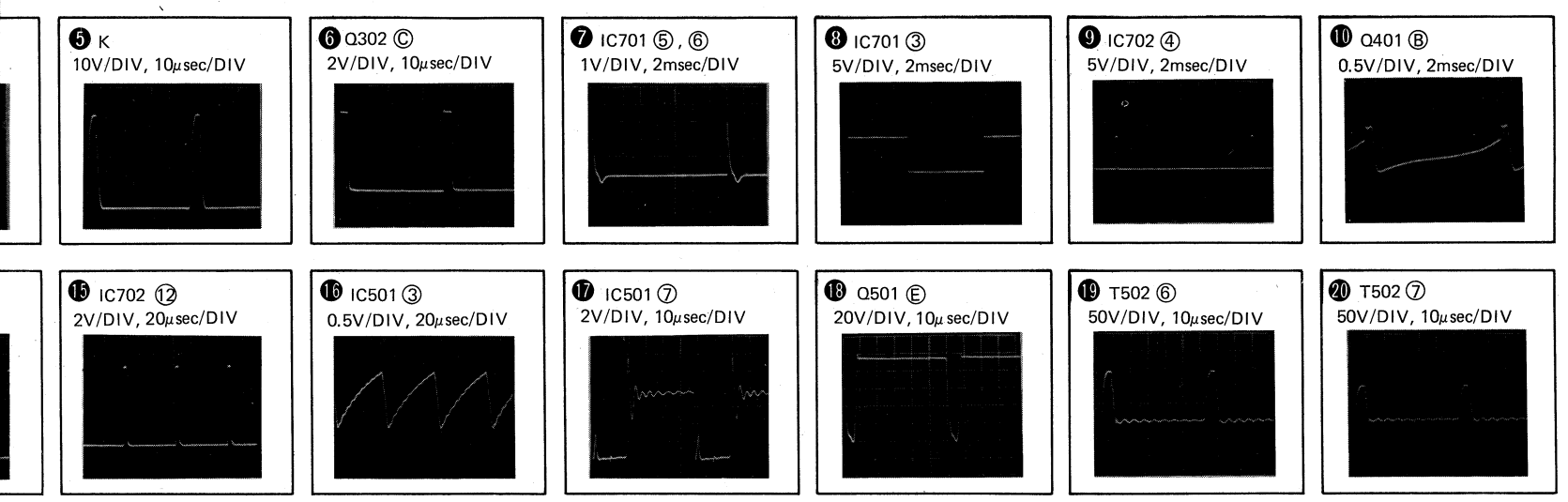
D601 D602 D603 D604
C601 1000 μ25V
C602 1000μ 25V
R601 1K
R602 3.3K
Q601
R603 47K
Q603
R607 5.6K
Q602
R604 0.56Ω 1W
R605 22K
R606 560Ω
R608 560Ω
Q604
Q605
R609 820Ω
D605
D606
C605 47μ16V
R610 10K
R611 7.5K
C603 10μ16V
C604 470μ16V
R801 10Ω
R803 220K
R805 3.3K
C801 0.047μ
Q801
R806 22K
R802 22K
R804 100Ω
VR801 10KA

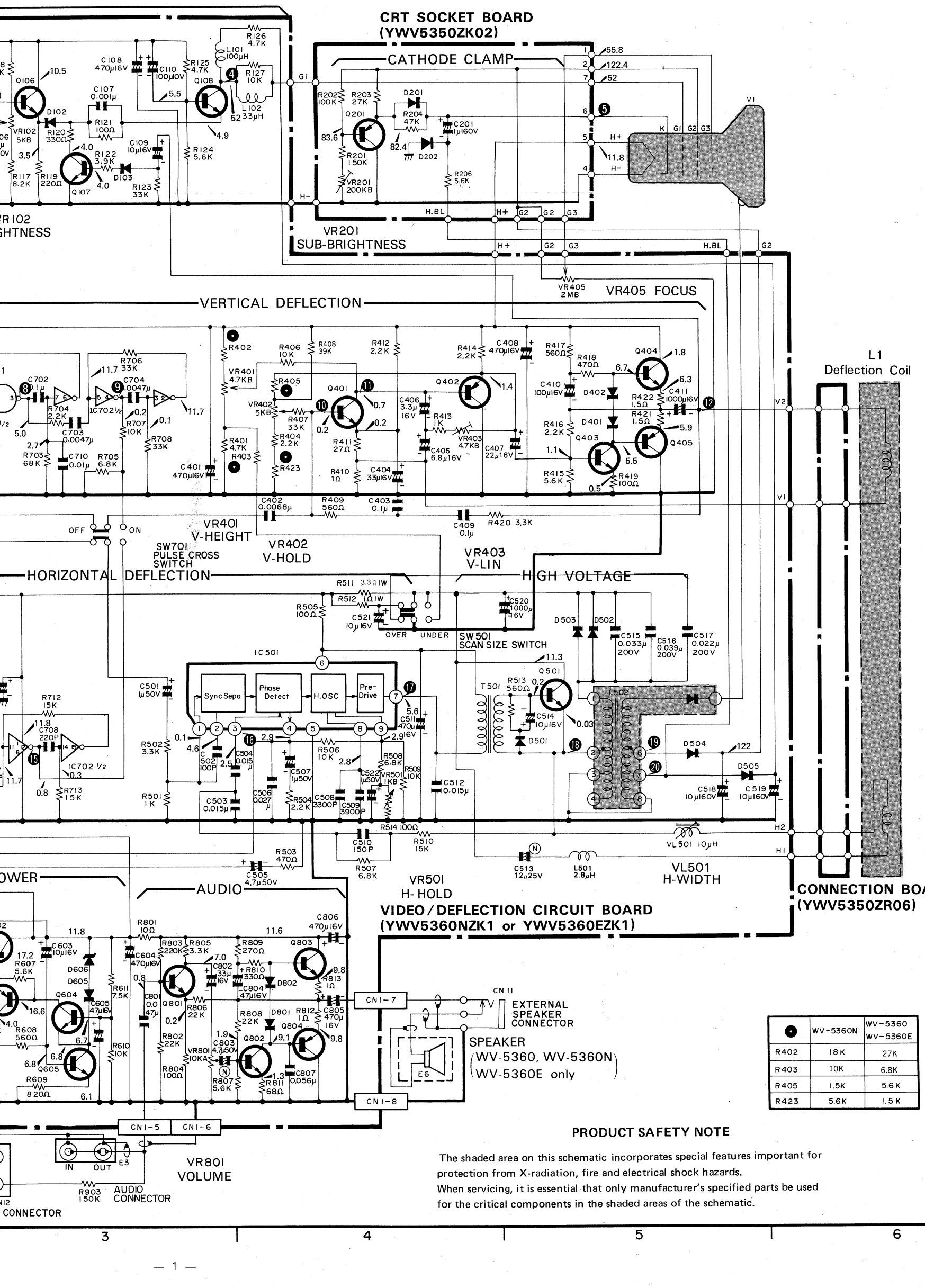
CN1-5
CN1-6

CN12
VTR CONNECTOR
To CN4
IN OUT E3
R903 150K
AUDIO CONNECTOR
VR801 VOLUME

LED BOARD
(YWV5360ZK05)
D607

SCHEMATIC DIAGRAM





IC501	AN5750	B–4
IC701	YWMC14011BCP	C–3
IC702	YWMSM4049	C–3
Q101	2SC828–QR	D–1
Q102	2SC828–QR	D–2
Q103	2SA564–QR	D–2
Q104	2SC828–QR	D–2
Q105	2SA564–QR	D–2
Q106	2SC828–QR	D–3
Q107	2SC828–QR	D–3
Q108	2SC1566	D–3
Q201	2SA685	D–4
Q301	2SA564–QR	C–1
Q302	2SA719–QR	C–2
Q401	2SC828–QR	C–4
Q402	2SA564–QR	C–4
Q403	2SC828–QR	C–4
Q404	2SC1567–QR	C–5
Q405	2SA963–QR	C–5
Q501	2SD772B	B–5
Q601	2SC828–QR	A–2
Q602	2SB761–QR	A–3
Q603	2SA720–RS	A–3
Q604	2SC828–QR	A–3
Q605	2SC828–QR	A–3
Q801	2SC1317–RS	A–3
Q802	2SC828–QR	A–4
Q803	2SC1318–QR	A–4
Q804	2SA719–QR	A–4
D101	MA150	D–2
D102	MA150	D–3
D103	MA150	D–3
D201	YUDERB24–04C	D–4
D202	OA91	D–4
D301	MA150	C–2
D401	MA150	C–4
D402	MA150	C–4
D501	YUDERB24–04C	B–5
D502	YUDU06C	B–5
D503	OA91	B–5
D504	YUDERB24-04C	B–5
D505	YUDERB24–04C	B–5
D601	YUDRM2Z	A–2
D602	YUDRM2Z	A–2
D603	YUDRM2Z	A–2
D604	YUDRM2Z	A–2
D605	MA26	A–3
D606	YUDYZ-051D	A–3
D607	LN23RPL	B–1
D801	MA150	A–4
D802	MA150	A–4

●	WV-5360N	WV-5360 WV-5360E
R402	18K	27K
R403	10K	6.8K
R405	1.5K	5.6K
R423	5.6K	1.5K

PRODUCT SAFETY NOTE

The shaded area on this schematic incorporates special features important for protection from X-radiation, fire and electrical shock hazards.
When servicing, it is essential that only manufacturer's specified parts be used for the critical components in the shaded areas of the schematic.

CONDUCTOR VIEW AND

※	WV-5360N	WV-5360 WV-5360E
R402	18K	27K
R403	10K	6.8K
R405	1.5K	5.6K
R423	5.6K	1.5K

	WV-5360N	WV-5360 WV-5360E
※※	J90 Jumper	F601 Fuse

V1
9" CRT

L1
DEFLECTION COIL

CONNECTION BOARD
(YWV5350ZK06)

DEF H1 [R]
V1 [Y]
DEF H2 [A]
V2 [G]

CRT SOCKET BOARD
(YWV5350ZR02)

VR201
SUB-BRIGHTNESS

CN8
H- H+ K G1
H- H+ H.BL G1 G3 G2
[B] [R] [H] [Y] [W] [O]

CN2

VIDEO/DEFLECTION CIRCUIT BOARD
(YWV5360NZK1 or YWV5360EZK1)

VR101 CONTRAST
VR102 BRIGHTNESS
VR403 V-LIN
VR402 V-HOLD
VR401 V HEIGHT
VR501 H-HOLD

LED BOARD
(YWV5360ZK05)
[R] [B]
D607

SCAN SIZE
SW501 SCAN SIZE
NORMAL UNDER

PULSE CROSS
SW701 PULSE CROSS
NOR
P.C3
[R]2
[Y]4
1 [C]

VR801 VOLUME
[B] [W] [W]
OFF SW601 ON
POWER SWITCH

YWV5350ZR01 Ⓐ

T501
T502
VL501 H-WIDTH
VL501 10μH

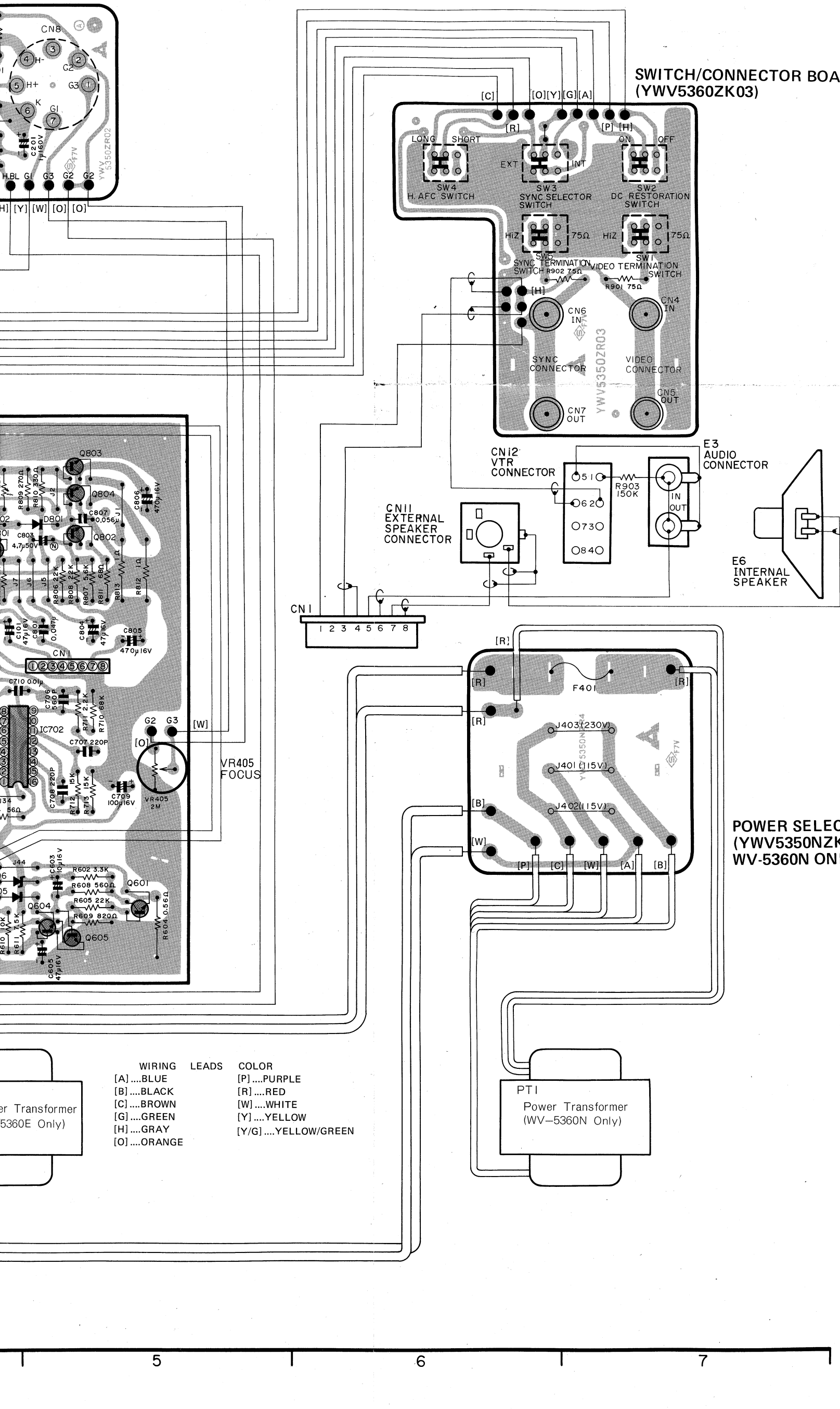
PTI Power Transformer
(WV-5360/5360E Only)

IC701
IC702

Q501
[A] DEF,H2

[R] [W] [B] [H] [C] [G] V2 V1[Y] G1 H+ H- H, BL [H] [O] G2 DEF, HI

AND WIRING DIAGRAM

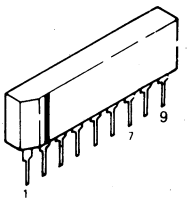


IC501	AN5750	C–3
IC701	YWMC14011BCP	D–4
IC702	YWMSM4049	D–4

Q101	2SC828–QR	E–4
Q102	2SC828–QR	E–2
Q103	2SA564–QR	E–3
Q104	2SC828–QR	E–3
Q105	2SA564–QR	E–4
Q106	2SC828–QR	E–3
Q107	2SC828–QR	E–3
Q108	2SC1566	E–3
Q201	2SA685	H–4
Q301	2SA564–QR	E–4
Q302	2SA719–QR	D–4
Q401	2SC828–QR	D–2
Q402	2SA564–QR	D–2
Q403	2SC828–QR	D–3
Q404	2SC1567–QR	D–3
Q405	2SA794	D–3
Q501	2SD772B	B–4
Q601	2SC828–QR	C–5
Q602	2SB761–QR	C–4
Q603	2SA720–RS	C–4
Q604	2SC828–QR	C–5
Q605	2SC828–QR	C–5
Q801	2SC1317–RS	E–4
Q802	2SC828–QR	E–5
Q803	2SC1318–QR	E–5
Q804	2SA719–QR	E–5

D101	MA150	E–4
D102	MA150	E–3
D103	MA150	E–3
D201	YUDERB24–04C	G–4
D202	OA91	G–4
D301	MA150	D–4
D401	MA150	D–3
D402	MA150	D–3
D501	YUDERB24–04C	C–3
D502	YUDU06C	B–2
D503	OA91	B–2
D504	YUDERB24–04C	B–3
D505	YUDERB24–04C	B–3
D601	YUDRM2Z	C–4
D602	YUDRM2Z	C–4
D603	YUDRM2Z	C–4
D604	YUDRM2Z	C–4
D605	MA26	C–5
D606	YUDYZ051D	C–5
D607	LN23RPL	C–1
D801	MA150	E–5
D802	MA150	E–4

AN5750



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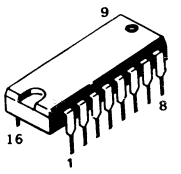

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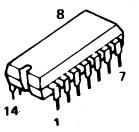
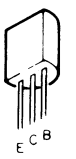
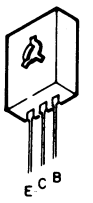


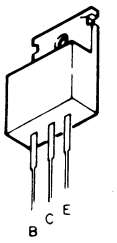
2SA564
2SA685
2SA719
2SA720
2SC1317
2SC1318
2SC828



2SA794
2SC1566
2SC1567



2SB761
2SD772B



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